



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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TECHNICAL SPECIFICATION

HOUSING MATERIAL : THERMOPLASTIC POLYESTER UL 94 V-0, GREY
 HOUSING CAN WITHSTAND EXPOSURE TO LEAD FREE WAVE SOLDERING TEMPERATURE OF 260-265°C WHEN USED WITH PROTECTIVE ADHESIVE OR PROTECTIVE METALLIC DEVICE FOR RIGHT ANGLE CONNECTORS AS IT IS USED IN CLASSICAL LEAD WAVE SOLDERING AT 235-250°C

CONTACT/ HARPOON MATERIAL : COPPER ALLOY
 CONTACT PLATING : GOLD OVER NICKEL
 ACTIVE ZONE : GOLD OVER NICKEL
 TERMINATION ZONE :
 TIN LEAD VERSION : TIN LEAD OVER NICKEL
 LEAD FREE VERSION : TIN (PURE MATTE) OVER NI
 HARPOON PLATING :
 TIN LEAD VERSION : TIN LEAD OVER NICKEL
 LEAD FREE VERSION : TIN (PURE MATTE) OVER NI

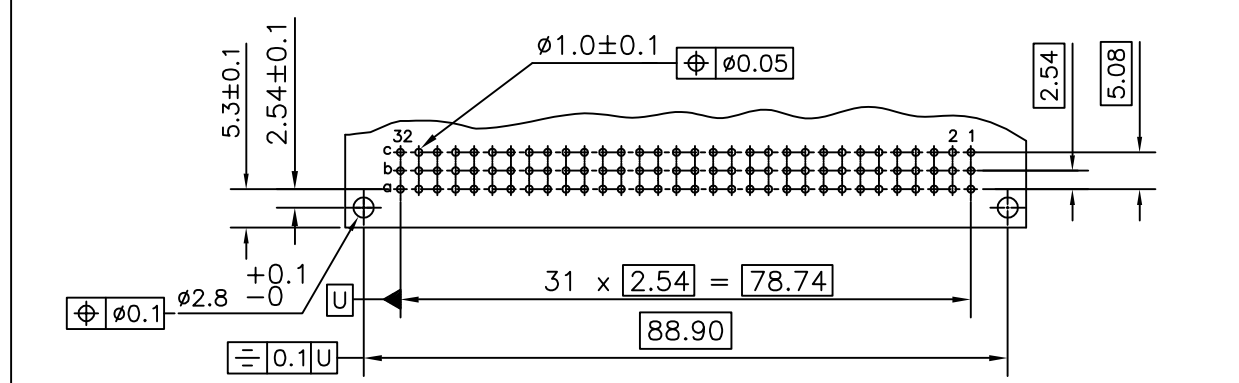
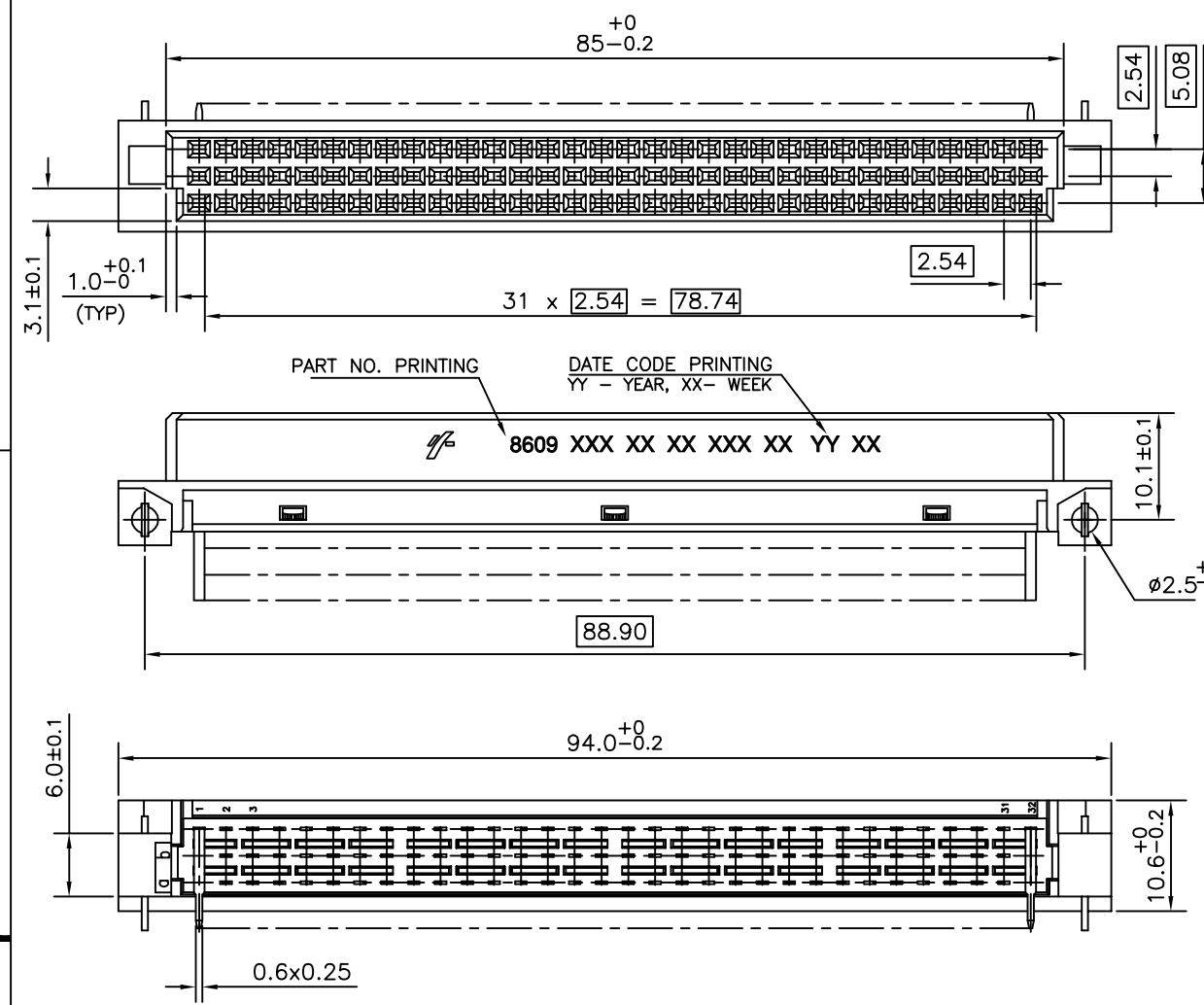
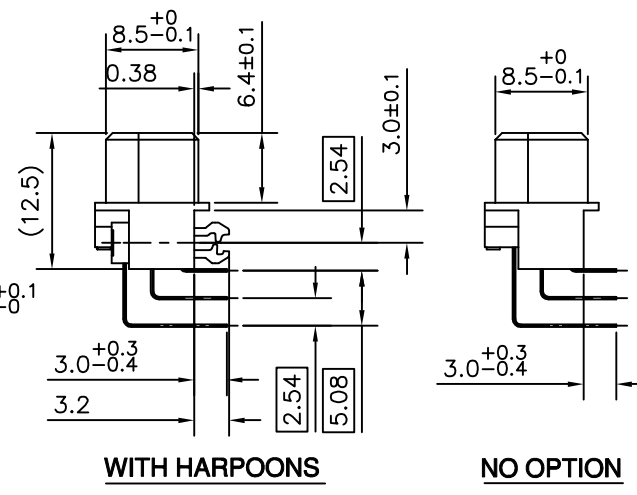
ELECTRICAL DATA

CURRENT RATING AT 20°C : 1.5 A
 CURRENT (I MAX) : 2 A
 TEMPERATURE RANGE : -55°C/+125°C
 CONTACT RESISTANCE : ≤ 20mΩ
 INSULATION RESISTANCE : ≥ 10⁶ MΩ
 TEST VOLTAGE (rms) : 1000V

MECHANICAL DATA

INSERTION FORCE PER CONTACT : ≤ 0.94N
 EXTRACTION FORCE PER CONTACT : ≥ 0.15N
 REFERENCE SPECIFICATIONS : DIN 41612 / IEC 603-2

SERIES	8609	3	96	8	8	13	7	5	5	V1
ROWS FITTED WITH CONTACTS										
Rows a-b	-----		2	64						
Rows a-b-c	-----		3	96						
Rows a-c	-----		4	64						
NUMBER OF CONTACTS										
TYPE OF INSULATOR										
3 ROW FEMALE INSULATOR	-----		8							
METHOD OF MOUNTING										
REVERSE MOUNTING - STYLE R	-----		8							
TERMINATION										
ANGLED SPILL	-----		13							
OPTIONS										
WITH HARPOONS	-----		H							
NO OPTION	-----		7							
PERFORMANCE CLASS										
4 - DIN 41612 CLASS 3	-----		4							
5 - DIN 41612 CLASS 2	-----		5							
6 - DIN 41612 CLASS 1	-----		6							
8 - AS PER MIL C 55302/JSS 50808	-----		8							
PITCH PER ROW										
2.54	-----		5							
V1	-----									TIN LEAD VERSION
V1LF	-----									LEAD FREE VERSION



NOTES:-
 1. THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
 2. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 3.5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6 MM MINIMUM THICK CIRCUIT BOARD
 3. LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR LEAD FREE VERSION.

mat'l. code	-		surface	ISO 1302	tolerance	ISO 406 ISO 1101	projection	product family	8609	
ltr	ecn no	dr	date	tolerances unless otherwise specified		angles	linear	title	DIN REVERSE RECEPTACLE	
A	104-0100	MINI	09/11/2004					ANGLED SPILL DIN 41612 STYLE-R		
B	105-0042	MINI	19/05/2005							
C	106-0063	MINI	01/06/2006							
			dr	MINI K VANDANATH	29/09/2004			dwg no	sheet 1 of 1	size
			enrg	RAKHEE GEORGE	29/09/2004			C-8609-2029		A3
			chr	RAKHEE GEORGE	01/06/2006					
			appd	RAKHEE GEORGE	01/06/2006					
sheet index	revision	C								
	sheet	1								
								type		Product Customer Drawing



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